

IN THE U.S. PATENT AND TRADEMARK OFFICE

May 2, 2007



Applicant(s): Mikio SUGIMOTO

For: MANUFACTURING METHOD OF METAL ION WATER, WATER  
TREATMENT METHOD USING THE MANUFACTURING METHOD,  
MANUFACTURING DEVICE OF METAL ION WATER, AND WATER  
TREATMENT APPARATUS USING THE MANUFACTURING DEVICE

Serial No.: 10/567 707                      Group: 1723  
Confirmation No.: 3892  
Filed: February 7, 2006                      Examiner: Unknown  
International Application No.: PCT/JP2004/011721  
International Filing Date: August 9, 2004  
Atty. Docket No.: 4900.P0056US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

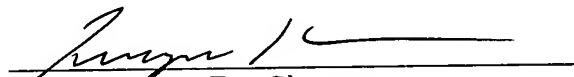
**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

The pending Filing Receipt contains error(s).

Please see the attached red-corrected photocopy of the Filing Receipt and the high-lighted portions of the attached copy of the Supplemental Declaration which was filed with the Patent Office on September 11, 2006.

Respectfully submitted,

  
Terryence F. Chapman

TFC/cc

FLYNN, THIEL, BOUTELL  
& TANIS, P.C.  
2026 Rambling Road  
Kalamazoo, MI 49008-1631  
Phone: (269) 381-1156  
Fax: (269) 381-5465

Dale H. Thiel  
David G. Boutell  
Terryence F. Chapman  
Mark L. Maki  
Liane L. Churney  
Brian R. Tumm  
Steven R. Thiel  
Donald J. Wallace  
Sidney B. Williams, Jr.

Reg. No. 24 323  
Reg. No. 25 072  
Reg. No. 32 549  
Reg. No. 36 589  
Reg. No. 40 694  
Reg. No. 36 328  
Reg. No. 53 685  
Reg. No. 43 977  
Reg. No. 24 949

Encl: Red-Corrected photocopy of pending Filing Receipt  
Copy of Supplemental Declaration  
Postal Card



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 2, 2007.

  
Terryence F. Chapman



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/567,707	02/07/2006	1723	675	4900.P0056US	8	25	4

DHT \_\_\_\_\_ DGB \_\_\_\_\_ RJT \_\_\_\_\_

TFC \_\_\_\_\_ MLM \_\_\_\_\_ LLC \_\_\_\_\_

BRT \_\_\_\_\_ SRT \_\_\_\_\_ SBW \_\_\_\_\_

CONFIRMATION NO. 3892

23474

FLYNN THIEL BOUTELL &amp; TANIS, P.C.

2026 RAMBLING ROAD

KALAMAZOO, MI 49008-1631

AUG 22 2006

FILING RECEIPT



\*OC000000019907142\*

DJW \_\_\_\_\_ KLP \_\_\_\_\_ PMG \_\_\_\_\_

GMS \_\_\_\_\_ CMC \_\_\_\_\_ TLH \_\_\_\_\_

FILE \_\_\_\_\_

Date Mailed: 08/07/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) MIKIO SUGIMOTO  
~~Sugimoto Mikio~~, Yamaguchi, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 23474.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/11721 08/09/2004

Foreign Applications \* see below

If Required, Foreign Filing License Granted: 08/04/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/567,707

Projected Publication Date: 11/16/2006

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

Title

Japan 2003-298218 8/22/03  
 Japan 2003-368416 10/29/03  
 Japan 2004-22549 1/30/04  
 Japan 2004-160513 5/31/04

Method for producing water containing metal ion and water treatment method using said production method, and tool for producing water containing metal ion and water treatment device

using said production tool

## Preliminary Class

210

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

### LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

#### **GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

## Declaration and Power of Attorney for Patent Application

## 特許出願宣言書及び委任状

## Japanese Language Declaration

## 日本語宣言書



私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled  
**MANUFACTURING METHOD OF METAL ION WATER, WATER TREATMENT METHOD USING THE MANUFACTURING METHOD, MANUFACTURING DEVICE OF METAL ION WATER, AND WATER TREATMENT APPARATUS USING THE MANUFACTURING DEVICE**

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない：

the specification of which is attached hereto unless the following box is checked:

☐ \_\_\_\_\_ の日に出版され、  
 この出版の米国出版番号またはPCT国際出版番号は、  
 \_\_\_\_\_ であり、且つ  
 \_\_\_\_\_ の日に補正された出版（該当する場合）

☒ was filed on August 9, 2004  
 as United States Application Number or  
 PCT International Application Number  
PCT/JP2004/011721 and was amended  
 through the date of  
 execution hereof.

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編規則1.56に定義されている、特許性について重要な情報を開示する義務があることを認める。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

# Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づき国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

## Prior Foreign Application(s)

外国での先行出願

2003-298218	Japan
(Number)	(Country)
(番号)	(国名)
2003-368416	Japan
(Number)	(Country)
(番号)	(国名)
2004-22549	Japan
(Number)	(Country)
(番号)	(国名)
2004-160513	Japan
(Number)	(Country)
(番号)	(国名)
(Number)	(Country)
(番号)	(国名)
(Number)	(Country)
(番号)	(国名)

私、      、第35編米国法典119条(e)項に基づいて下記の米  
国特許出願規定に記載された権利をここに主張いたします。

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は、下記の米国法典第35編120条に基づいて下記の米  
国特許出願に記載された権利、又は米国を指定している特許  
協力条約365条(c)に基づき権利をここに主張します。また、  
本出願の各請求範囲の内容が米国法典第35編112条  
第1項又は特許協力条約で規定された方法で先行する米特  
許出願に開示されていない限り、その先行米出願書提出日  
以降で本出願書の日本国内または特許協力条約国際提出日ま  
での期間中に入手された、連邦規則法典第37編1条56項  
で定義された特許資格の有無に関する重要な情報について開  
示義務があることを認識しています。

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は、私自身の知識に基づいて本宣言書中で私が行なう表  
明が真実であり、かつ私の入手した情報と私の信じることに  
基づき表明が全て真実であると信じていること、さらに故  
意になされた虚偽の表明及びそれと同等の行為は米国法典第  
18編第1001条に基づき、罰金または拘禁、もしくはそ  
の両方により処罰されること、そしてそのような故意による  
虚偽の声明を行えば、出願した、又は既に許可された特許  
の有効性が失われることを認識し、よってここに上記のごと  
く宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code,  
Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent  
or inventor's certificate, or 365(a) of any PCT International  
application which designated at least one country other than the  
United States, listed below and have also identified below, by  
checking the box, any foreign application for patent or inventor's  
certificate, or PCT International application having a filing date  
before that of the application on which priority is claimed.

Priority Not Claimed  
優先権主張なし

22/08/2003
(Day/Month/Year Filed)
(出願年月日)
29/10/2003
(Day/Month/Year Filed)
(出願年月日)
30/01/2004
(Day/Month/Year Filed)
(出願年月日)
31/05/2004
(Day/Month/Year Filed)
(出願年月日)
(Day/Month/Year Filed)
(出願年月日)
(Day/Month/Year Filed)
(出願年月日)

I hereby claim the benefit under Title 35, United States Code,  
Section 119(e) of any United States provisional application(s) listed  
below.

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

I hereby claim the benefit under Title 35, United States Code,  
Section 120 of any United States application(s), or 365(c) of any  
PCT International application designating the United States, listed  
below and, insofar as the subject matter of each of the claims of  
this application is not disclosed in the prior United States or PCT  
International application in the manner provided by the first  
paragraph of Title 35, United States Code, Section 112, I  
acknowledge the duty to disclose information which is material to  
patentability as defined in Title 37, Code of Federal Regulations,  
Section 1.56 which became available between the filing date of the  
prior application and the national or PCT International filing date of  
application.

(Status: Patented, Pending, Abandoned)  
(現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned)  
(現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own  
knowledge are true and that all statements made on information  
and belief are believed to be true; and further that these  
statements were made with the knowledge that willful false  
statements and the like so made are punishable by fine or  
imprisonment, or both, under Section 1001 of Title 18 of the  
United States Code and that such willful false statements may  
jeopardize the validity of the application or any patent issued  
thereon.

# Japanese Language Declaration

(日本語宣言書)

## POWER OF ATTORNEY

I hereby appoint the Practitioners associated with the Customer Number: **23474** as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize the correspondence address associated with the above-mentioned Customer Number.

唯一または第一発明者氏名		Full name of sole or first inventor	
		Mikio SUGIMOTO	
発明者の署名	日付	Inventor's signature	Date
		<i>Mikio Sugimoto</i>	
住所		Residence	
		Ube-Shi, Yamaguchi, Japan	
国籍		Citizenship	
		Japanese	
郵便の宛先		Post Office Address	
		616 Oaza Kiwanami, Ube-Shi, Yamaguchi 759-0207, Japan	
第二共同発明者がある場合、その氏名		Full name of second joint inventor, if any	
第二共同発明者の署名	日付	Second inventor's signature	Date
住所		Residence	
国籍		Citizenship	
郵便の宛先		Post Office Address	

(第三以下の共同発明者についても同様に記載し、署名を  
すること)

(Supply similar information and signature for third and subsequent  
joint inventors.)

This Declaration ends with this page.